

NFKZ 3000 baghouse dust collector

Baghouse dust collector with chain conveyor



Example: NFKZ3000 2+1 HJ filter with side and top venting for St2 dust

Baghouse dust collector suitable for handling large volumes of air with heavy material contamination levels

The NFKZ3000 baghouse dust collector with chain conveyor is suitable for handling large volumes of air with heavy material contamination levels. It is a modular filter made of galvanised steel sheet. Filter has telescopic support and is suitable for outdoor use.

Each module, 2400 mm (94") of the filter design is fitted with a combined inspection and explosion relief door. Filter cleaning with regeneration fans. The filter is fitted with the unique patented SUPERBAG.

The filter hopper and inlet section (optional) separates medium-sized/large particles and distributes the air to the filter bags. A double chain conveyor on the bottom of the hopper passes the collected material to a rotary valve for discharge.

- Handles air volumes from 6000-500 000 m³/h (3,500-294,000 cfm)
- ATEX-certified for St1 and St2 dust with a Kst value up to 300 bar m/s
- Compact design
- Suitable for handling large volumes of air with heavy material contamination
- Designed for continuous operation
- For mounting on the ground or on the roof
- Overpressure or vacuum versions up to 5 000 Pa (0.725 psi)
- Explosion relief upwards or sideways
- Powerful online cleaning with efficient regeneration fans
- Patented antistatic polyester SUPERBAGs
- Easy to install on site and extend when required
- Low energy consumption.

| | |
|-----------------------------------------------|-----------------------------------|
| Product name | NFKZ 3000 baghouse dust collector |
| Installation | นอกอาคาร |
| Material | Galvanised steel sheet |
| Suitable for combustible dust | True |
| Filter cleaning method | เขย่า |
| Application | กรวด, ฝุ่น |
| Capacity (max airflow m³/h) | 500000 |
| Operating Temperature | -20 to 75 Deg. C. |



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| NFKZ3000-HJ |
| NFKZ3000-LJ |

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| A# | B | C | D | E | F | G | H | I | J** | K** | L | M | N | O | P** | Q | R | S | U | W |
|------|------|-----|-----|-----|------|-----|------|-----|------|------|-----------|------|-----|------|------|-----|------|-----|-----|----|
| 2400 | 1106 | 245 | 153 | 583 | 1200 | 800 | 3600 | 720 | 3420 | 4230 | See below | 2321 | 952 | 1260 | 2960 | 135 | 2400 | 115 | 150 | 47 |

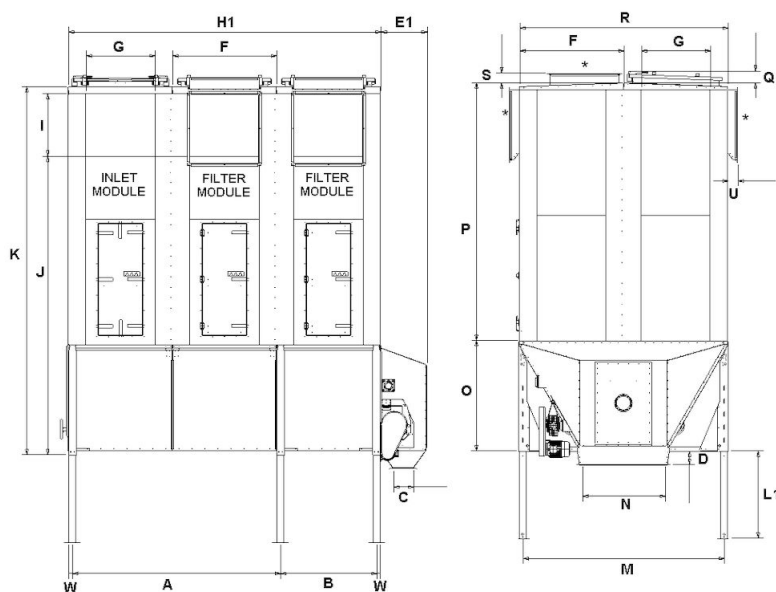
| L – telescopic filter legs | | |
|----------------------------|--------------|--------------|
| Type | Min. Adjust. | Max. Adjust. |
| L = 1596 | 555 | 1250 |
| L = 2195 | 1155 | 1850 |
| L = 2596 | 1555 | 2250 |

| Type | Weight per module |
|-------------------|-------------------|
| J - over pressure | 567 kg |
| J - vacuum | 742 kg |
| Driving station | 250 kg |

All dimensions in mm.

** Height of LJ version – reduce 1440 mm

Optional 1200 mm.



Dimensions (example – NFKZ3000 2+1 HJ)

* Optional position of outlet / reg. fan. 800 x 800 or 600 x 600 mm. (LJ version: not on door side)